5. *An Abſtract of a* Letter *from Dr.* VVincler *chief* Phyſitian *of the Prince* Palatine, *Dat.* Dec. 22. 1682. *to Dr.* Fred. Slare *Fellow of the* Royal Society, *containing an account of a* Murren *in* Switzerland, *and the* Method *of its* cure.

ON the borders of *Italy* a *Murren* infected the *Cattle* which ſpread farther into *Switzerland*, the Territories of *Wirtemburg*, and over other *Provinces*, and made great deſtruction amongſt the *Cattle*. The *Contagion* ſeem'd to propagate it ſelf in the form of a *Blew-Miſt*, that fell upon thoſe *Paſtures* where the *Cattle* grazed, inſomuch that herds have returned home ſick; being very dull, forbearing their food, moſt of them would dy away in twenty four hours. Upon diſſections were diſcovered large and corrupted *Spleens*, ſphacelous and corroded *Tongues*; ſome had *Angina Maligna's*. Thoſe perſons that careleſly managed their *Cattle* without a due reſpect to their own health, were themſelves infected and dyed away like their *Beaſts*.

Having had timely Notice of this *Lues* from our Neighbours we made ſuch Proviſion againſt the invading diſeaſe, that very few of thoſe that were infected by the *Murrain* dyed. Some impute this *Contagion* to the *Witch-craft* of three *Capucins* in *Switzerland*: But perhaps it may more probably proceed from ſome *Noxious Exha-*

lations thrown out of the *Earth*, by three diſtinct *Earth-quakes* perceived here and in our Neighbourhood in the Space of one year.

The *Method* of *Cure* for the *Cattle*.

As ſoon as ever there was any Suſpition of the *Contagion* upon any one of the *Herd*, the tongue of that *beaſt* was carefully examined, in caſe they found any *Aptha* or *Bliſters* whether White, Yellow or Black, then they were obliged to rub, ſcratch and tear the *Tongue* with a *Silver Inſtrument* (being about the bredth and thickneſs of a *Six-pence* but indented on the ſides, and having a hole in the middle, whereby its faſtened to a *Stick*, or *handle* as Fig. 14.) ſo that it *bleed*, then they muſt wipe away the Blood and Corruption with new *unwaſhen* linnen. This done a *Lotion* for the *Tongue* is uſed, made of *Salt* and good *Vinegar*.

The *Antidote* for the diſeaſed *Cattle*, and the Medicine for the ſick is the ſame, and is thus deſcribed.

Take of *Soot*, *Gun-powder*, *Brimſtone*, *Salt*, equal parts, and as much *water* as is neceſſary to waſh it down, give a large ſpoonful for a *Doſe*.

A further confirmation of the above mentioned Contagion, *of its nature, and manner of ſpreading, by way of* Poſtſcript *from the ingenious* Fred. Slare. *M. D.* and *F. R. S. Dat.* March 27. 1683.

——I lately received an account of *Two* ingenious *Travelers*, who aſſured me the *contagion* had reached their Quarters on the borders of *Poland*, having paſs'd quite through *Germany*, and that the *Method* uſed in our *Relation* preſerved and cured their *Cattle*. They told me the *Contagion* was obſerved to make its progreſs dayly, ſpreading near two *German* Miles in twenty four hours. This they

ſay

ſay was certainly obſerved by many *curious perſons*, that it continually without intermiſſion made progreſſive voyages and ſuffered no neighbouring *Pariſh* to eſcape; ſo that it did not at the ſame time infect places at great diſtances. They added that *cattle* ſecured at rack and manger were equally infected with thoſe in the *Field*. It were worth the conſidering whether this *infection* is not carryed on by ſome volatile *Inſect*, that is able to make only ſuch ſhort flights as may amount to ſuch computations: For the account of the *Ancients* concerning the grand *peſtilential Contagions* is very little ſatisfactory to this *Age*, who derive it from a blind *putrefaction*, from the *incantations* of ill *Men*; or from the *conjunctions* of inauſpicious *Planets*. I wiſh Mr. *Leewenhoeck* had been preſent at ſome of the *diſſections* of theſe infected *Animals*, I am perſwaded He would have diſcovered ſome ſtrange *Inſect* or other in them.———

Fig. 1.

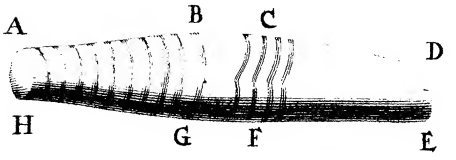


Fig. 2.

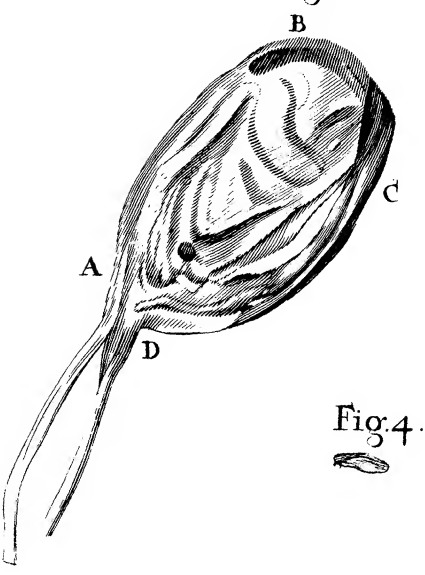


Fig. 3.

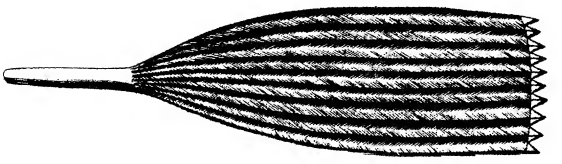


Fig. 4.

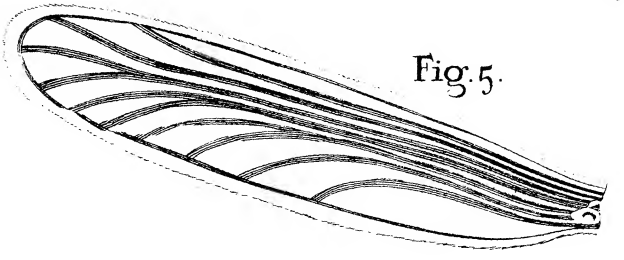


Fig. 5.

Fig. 6.

Fig. 7.

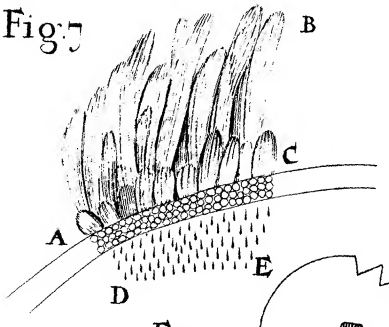
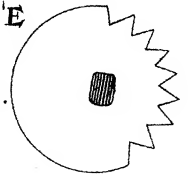


Fig. 14.



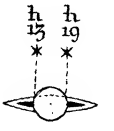


Fig. 8.

Fig. 9.

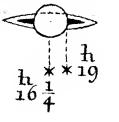


Fig. 10

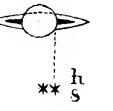


Fig. 11.

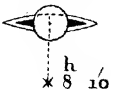
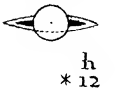


Fig. 12.



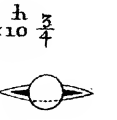


Fig. 13.